

DIRECTV®
Big Button Remote



USER GUIDE

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- If you do not plan to use the remote for an extended period, remove the batteries. They can leak chemicals that can destroy electronic parts.

WARNING: Dispose of old batteries promptly and properly. Do not burn or bury them.

FEATURES AND FUNCTIONS

NOTE: The DIRECTV Big Button Remote does not support some DIRECTV Interactive Applications.

NOTE: If you are using your DIRECTV Big Button Remote with an HD receiver, you cannot change the HD format with the remote. To adjust HD display settings, use your receiver's front-panel **RES** button and the *Display* option under *System Settings* in the Quick Menu.

Press this key...

To...



AUX 1

AUX 2

TV

Select a device to control.



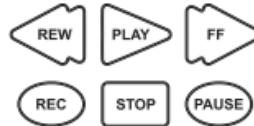
puts the remote into **DIRECTV** mode. This is the mode you use to watch TV with your DIRECTV Receiver.



Turn on or off the selected device.



Switch the TV's input to view TV or video programs.



Use these keys to control your DIRECTV DVR, or your VCR, DVD or CD/DVD player.

On a DIRECTV Plus DVR, pressing **REC** enables one-touch record for any selected program.

Display the DIRECTV program Guide.

Display your TO DO list of programs.
(Not available on all DIRECTV Receivers.)

Exits any menu and returns to the last channel viewed in DIRECTV mode; exits the menu for another selected device.

Press this key...

To...



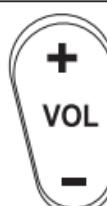
Use the arrows to move the cursor in the program Guide and menu screens. Press **SELECT** to choose options from the selected device's menu or Guide.



Display the Quick Menu in DIRECTV mode, or other menu for another selected device.



View the current channel and program information.



Raise or lower the sound level.



Turn the sound off or on.



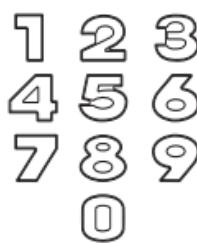
Select the next or previous channel.

Select next or previous chapter on some models of DVD players.

When in the DIRECTV Guide or other menu, **CH+** (or **CH-**) allows you to page up (or down) through a list of items.



Recall the last-viewed channel.



Directly enter channels (for example, **09** or **31**).

PROGRAMMING A DEVICE

The DIRECTV Big Button Remote comes pre-programmed to operate a DTV Receiver or DVR. To control devices other than default brands, follow these steps; otherwise, skip this section.

Before proceeding, find the codes for the devices you want to program in Manufacturer's Codes and write them down or highlight them. (See "Manufacturer's Codes" on page 13.)

NOTE: To program a TV/DVD, TV/VCR/DVD, or TV/VCR Combo, use the **AUX 1** or **AUX 2** key.

1. Turn on the device (for example, TV) and, if needed, load media (for example, DVD).

2. On the remote, press and release the appropriate mode key for the device you want to program (that is, **DIRECTV**, **TV**, **AUX 1**, or **AUX 2**).
3. Press and hold the mode key until the green LED flashes twice. Release the key.
4. Enter the first five-digit code for your device. The LED blinks once as each digit is entered. If the code is correct, the LED blinks twice.

NOTE: If the LED does not blink twice, repeat steps 2 to 5 and try entering the code again.

5. Aim the remote at the device and press **POWER** (or **PLAY**, if it does not have a **POWER** key). The device should turn off. If it does not, repeat steps 2 to 6, trying each code for your brand until you find one that works. If you cannot find a code that works, see Searching for Your Code.
6. Repeat steps 1 to 5 for each device. For future reference, write down each working device code in a safe place.

SEARCHING FOR YOUR CODE

If your device does not respond to the remote after trying all codes listed for your brand, or if your brand is not listed, try searching for your code. For example, to search for a code for your TV:

1. Press and hold **TV** until the green LED blinks twice.
2. Enter **9 9 1**. The LED blinks twice.
3. Enter the device ID code, according to the following table:
4. Aim the remote at the TV and press **POWER**. The remote sends IR codes from its library to the selected device, starting with the most popular code first.

NOTE: This process may take up to 30 minutes.

5. If the TV responds, go to step 6. If the TV does not respond, press **CH▲**. The remote tries the next code. Continue until the TV responds.

NOTE: Press **CH▼** to try the previous code.

6. To lock in the code, press **SELECT**.

- To search for other device codes, repeat steps 1 to 6, substituting the appropriate key for the device.

CHECKING THE CODES

If you have set up the remote using the procedure in Searching for Your Code, you may need to find out which four-digit code is operating your equipment.

For example, to find out which code is assigned to your TV:

- Press and hold **TV** until the green LED blinks twice.
- Enter **9 9 0**. The LED blinks twice.
- To view the code for the first digit, press **1**. Count the LED blinks (for example, three blinks = 3), and write down the number.

NOTE: If a code digit is 0, the LED does not blink.

- Repeat step 4 for the four remaining digits, using **2** for the second digit, **3** for the third digit, **4** for the fourth digit, and **5** for the fifth digit.
- To check for other device codes, repeat steps 1 to 4, substituting the appropriate key for each device you are checking.

CHANGING VOLUME LOCK

CAUTION: Changing the volume lock settings could negatively affect your DIRECTV Receiver's operation. Please read these instructions thoroughly before making any changes. For example, changing the volume lock settings can cause your DIRECTV Receiver not to control your TV's volume when in DIRECTV mode. This could cause you not to be able to control the volume if your amplifier is turned off and your TV is muted.

Your DIRECTV Big Button Remote is preset so the volume keys always control the volume on the TV you've set up on the remote when the remote is in DIRECTV mode. However, you can change this setting so the remote controls another device, such as a home theater amplifier. To enable this feature, perform the following steps:

NOTE: You cannot lock the volume to **DIRECTV** mode, or to **AUX 1/AUX 2** modes if those modes are set up for a DIRECTV Receiver.

Unlocking Volume Control for a Single Device (Individual Volume Unlock)

- Select and hold the mode key for the device to unlock for volume control until the green LED blinks twice.
- Enter **9 9 3** and then press **VOL-**. The LED blinks four times.

3. Repeat steps 1 to 2 for any other device that you want to have independent volume control.

Locking Volume Control to One Mode (Global Volume Lock)

1. Select and hold the mode key for a device (for example, **TV**) until the green LED blinks twice.
2. Enter **9 9 3** and then press the key for a second device (for example, **AUX 1** to control the volume of an audio amplifier). The LED blinks twice. Now when you press **VOL+**, **VOL-**, or **Mute**, the selected device (for example, **AUX 1**) controls the volume regardless of the current mode.

Unlocking All Volume Control

1. Select and hold the mode key for a device (for example, **TV**) until the green LED blinks twice.
2. Enter **9 9 3** and then press **VOL+**. The LED blinks four times. Volume is independently controlled for all programmed devices.

CHANGING CHANNEL LOCK

CAUTION: Changing the channel lock settings could negatively affect your DIRECTV Receiver's operation. Please read these instructions thoroughly before making any changes.

The DIRECTV Big Button Remote comes preset to allow independent channel control of each selected device. However, you may change the Channel Lock setting so that the DIRECTV Receiver's (**DIRECTV**  mode only) channel keys control the channels in all other modes.

Locking Channels

1. Press and hold the **DIRECTV** key until the green LED flashes twice.
2. Enter **9 7 3** and then press **CH▲**. The LED blinks twice. Now when you press **CH▲** or **CH▼**, the satellite receiver controls the channels regardless of the current mode.

Unlocking Channels

1. Press and hold the **DIRECTV** key until the green LED flashes twice.
2. Enter **9 7 3** and then press **CH▼**. The LED blinks four times. Now when you press **CH▲** or **CH▼**, the individual devices control the channels.

CLEARING CUSTOM PROGRAMMING

Your DIRECTV Big Button Remote includes a Custom Programming Reset feature. You can use it to remove all custom programming.

IMPORTANT: Executing this program erases all custom settings for Volume Lock and Channel Lock.

1. Press and hold a device key (for example, **DIRECTV**).
2. Enter **9 8 1**. The last-selected device key blinks twice, pauses, and blinks twice again to confirm that all custom programming is cleared.

TROUBLESHOOTING

PROBLEM: Light at the top of the remote blinks when you press a key, but the component does not respond.

SOLUTION 1: Try replacing the batteries. (See “Installing Batteries” on page 3.)

SOLUTION 2: Make sure you are aiming the DIRECTV Big Button Remote at your home entertainment component and that you are within 15 feet of the component you are trying to control.

PROBLEM: The DIRECTV Big Button Remote does not control component or commands are not recognized properly.

SOLUTION: Try all listed codes for the device brand being set up. Make sure all components can be operated with an infrared remote control.

PROBLEM: TV/VCR combo does not respond properly.

SOLUTION: Use the VCR codes for your brand. Some combo units may require both a TV code and a VCR code for full operation. (See “Programming a Device” on page 5.)

PROBLEM: **CH+**, **CH-**, and **PREV** do not work for your RCA TV.

SOLUTION: Due to RCA design for certain models (1983-1987), only the original remote control operates these functions.

PROBLEM: Changing channels does not work properly.

PROBLEM: Remote control does not turn on Sony or Sharp TV/VCR Combo.

SOLUTION: For power on, these products require setting up TV codes on the remote control. For Sony, use TV code 0000 and VCR code 0032. For Sharp, use TV code 0093 and VCR code 0048. (See “Programming a Device” on page 5.)

CARE

- Keep the remote dry. If it gets wet, wipe it dry immediately.
- Use and store the unit only in normal temperature environments.

- Handle the remote gently and carefully. Don't drop it.
- Wipe the remote with a damp cloth to keep it looking like new.

Modifying or tampering with the internal parts can cause damage and invalidate the warranty.

SPECIFICATIONS

Power(2) AA Alkaline Batteries

Size (H x W x D) 7.67 x 2.44 x 1.42 in.
(195 x 72.5 x 34 mm)

Weight (w/o batteries) 4.76 oz. (136 g)

Specifications are typical; individual units might vary.
Specifications are subject to change and improvement without any notice.

FCC NOTICE

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase or decrease the separation between the equipment and the receiver.
- Consult the dealer or an experienced remote control/TV technician for help.

DIRECTV SETUP CODES

Setup Codes for DIRECTV Receivers

DIRECTV all models 00001, 00002

Hughes Network Systems 00749
(most models)

Hughes Network Systems 01749
models GAEB0, GAEB0A,
GCB0, GCEB0A, HBH-SA,
HAH-SA

GE models GRD33G2A and 00566
GRD33G3A, GRD122GW

Philips models DSX5500 00099
and DSX5400

Proscan models PRD8630A 00566
and PRD8650B

RCA models DRD102RW, 00566
DRD203RW, DRD301RA,
DRD302RA, DRD303RA,
DRD403RA, DRD703RA,
DRD502RB, DRD 503RB,
DRD505RB, DRD515RB,
DRD523RB, and
DRD705RB

DRD440RE, DRD460RE, 00392
DRD480RE, DRD430RG,
DRD431RG, DRD450RG,
DRD451RG,
DRD485RG, DRD486RG,
DRD430RGA,
DRD450RGA,
DRD485RGA, DRD435RH,
DRD455RH, and
DRD486RH

Samsung model SIR-S60W 01109

Samsung models SIR-S70, 01108
SIR-S75, SIR-S300W, and
SIR-S310W

Sony models (All models 01639
except TiVo and Ultimate
TV)

Setup Codes for DIRECTV HD Receivers

DIRECTV all models 00001, 00002

Hitachi model 61HDX98B 00819

HNS models HIRD-E8, 01750
HTL-HD

LG model LSS-3200A, 01750
HTL-HD

Mitsubishi model SR-HD5 01749, 00749

Philips model DSHD800R 01749

Proscan model PSHD105 00392

RCA models DTC-100, 00392
DTC-210

Samsung model SIR-TS360 01609

Samsung models SIR- 01276
TS160

Sony models SAT-HD100, 01639
200, 300

Toshiba models DST-3000, 01749, 01285
DST-3100, DW65X91

Zenith models DTV1080, 01856
HD-SAT520

Setup Codes for DIRECTV DVRs

DIRECTV all models 00001, 00002

HNS models SD-DVR80, 01442
SD-DV40, SD-DVR120,
HDVR2, GXCEBOT,
GXCEBOTD

Philips models DSR704, 01142, 01442
DSR708, DSR6000,
DSR600R, DRS700/17

RCA models DWD490RE, 01392
DWD496RG

RCA models DVR39, 40, 80, 01442
120

Sony model SAT-T60 00639

Sony model SAT-W60 01640

Samsung models SIR- 01442
S4040R, SIR-S4080R, SIR-
S4120R

MANUFACTURER'S CODES

Setup Codes for TVs

| | |
|----------------|--|
| A-Mark | 10003 |
| Abex | 10032 |
| Admiral | 1093, 10463 |
| Advent | 10761, 10783, 10815, 10817, 10842 |
| Adventura | 10046 |
| Aiko | 1092 |
| Akai | 10030, 10060, 10672, 10702, 10812 |
| Alaron | 10179 |
| Albatron | 10700, 10843 |
| Ambassador | 10177 |
| America Action | 10180 |
| Ampro | 10751 |
| Anam | 10180 |
| Anam National | 10055 |
| AOC | 10003, 10019, 10030, 10052, 10185 |
| Apex Digital | 10156, 10748, 10765, 10767, 10879 |
| Archer | 10003 |
| Audiovox | 10003, 1092, 10180, 10451, 10623, 10802, 10875, 11284 |
| Aventura | 10171 |
| Belcor | 10019 |
| Bell & Howell | 10016, 10154 |
| BenQ | 11032, 11315 |
| Boxlight | 10893 |
| Bradford | 10180 |
| Brockwood | 10019 |
| Broksonic | 10003, 10180, 10236, 10463 |
| Cadia | 11283 |
| Candle | 10030, 10046, 10056, 10186 |
| Carnivale | 10030 |
| Carver | 10054 |
| CCE | 10217 |
| Celebrity | 10000 |
| Celera | 10765 |
| Changhong | 10765 |

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|----------------------|--|
| Citizen | 10030, 10039, 10046, 10056, 10060, 1092, 10186, 10280 |
| Clairtone | 10185 |
| Clarion | 10180 |
| Commercial Solutions | 10047, 11447 |
| Concerto | 10056 |
| Contec | 10157, 10180, 10185 |
| Craig | 10180 |
| Crosley | 10054 |
| Crown | 10039, 10180 |
| Curtis Mathes | 10016, 10030, 10039, 10047, 10054, 10056, 10060, 1093, 1145, 10154, 10166, 10451, 10466, 10702, 11147, 11347 |
| CXC | 10180 |
| Daewoo | 10019, 10039, 1092, 10451, 10623, 10661, 10672, 11661 |
| Daytron | 10019 |
| Dell | 11080, 11178, 11264, 11454 |
| Denon | 1145, 10511 |
| Denstar | 10628 |
| Dumont | 10017, 10019 |
| Durabrand | 10003, 10171, 10178, 10180, 10463, 11034 |
| Dwin | 1093, 10720, 10774 |
| Electroband | 10000, 10185 |
| Electrograph | 11755 |
| Electrohome | 10381 |
| Emerson | 10019, 10038, 10039, 10154, 10171, 10177, 10178, 10179, 10180, 10185, 10236, 10280, 10282, 10451, 10463, 10623 |
| Envision | 10030, 10813 |
| Epson | 10833, 10840 |
| ESA | 10171, 10812 |
| Fisher | 10154, 10159 |
| Fujitsu | 10179, 10186, 10683, 10809, 10853 |
| Funai | 10171, 10179, 10180 |
| Futuretech | 10180 |
| Gateway | 11755, 11756 |

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|-----------------|--|
| GE | 10021, 10027, 10047, 10051, 10055, 1135, 10178, 10282, 10451, 11347, 11447 |
| Gibralter | 10017, 10019, 10030 |
| Go Video | 10886 |
| GoldStar | 10001, 10019, 10030, 10032, 10178 |
| Goodmans | 10360 |
| Grundig | 10683 |
| Grunpy | 10179, 10180 |
| Haier | 10768, 11034 |
| Hallmark | 10178 |
| Hannspree | 11348, 11351, 11352 |
| Harley Davidson | 10179 |
| Harman/Kardon | 10054 |
| Harvard | 10180 |
| Havermy | 1093 |
| Helios | 10865 |
| Hello Kitty | 10451 |
| Hewlett Packard | 11502 |
| Hisense | 10748 |
| Hitachi | 10016, 10032, 10038, 10056, 1145, 10151, 11145 |
| HP | 11502 |
| Hyundai | 10849 |
| Infinity | 10054 |
| Inteq | 10017 |
| Janeil | 10046 |
| JBL | 10054 |
| JCB | 10000 |
| Jensen | 10761, 10815, 10817 |
| JVC | 10053, 10731, 11253, 11352 |
| Kaypani | 10052 |
| KEC | 10180 |
| Kenwood | 10019, 10030 |
| KLH | 10765, 10767 |
| Kloss | 10024, 10046 |
| Konka | 10628, 10632, 10638, 10703, 10707 |
| KTV | 10030, 10039, 10180, 10185, 10217, 10280 |
| LG | 10178, 10442, 10700, 10856, 11178, 11265 |

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| Loewe | 1136 |
| Logik | 10016 |
| Luxman | 10056 |
| LXI | 10047, 10054, 10154, 10156, 10178 |
| Magnavox | 10020, 10024, 10030, 10054, 1096, 10179, 10186, 10187, 10386, 10706, 10802, 11254, 11454 |
| Majestic | 10016 |
| Marantz | 10030, 10054, 10704, 10855, 11154, 11454 |
| Matsushita | 10250, 10650 |
| Maxent | 11755 |
| Megapower | 10700 |
| Megatron | 10003, 1145, 10178 |
| MEI | 10185 |
| Memorex | 10016, 1150, 10154, 10178, 10179, 10463 |
| MGA | 10019, 10030, 1150, 10178 |
| Midland | 10017, 10032, 10039, 10047, 10051, 1135 |
| Minutz | 10021 |
| Mitsubishi | 10019, 1093, 1150, 10178, 10836, 10868, 11250 |
| Monivision | 10700, 10843 |
| Motorola | 10055, 1093 |
| MTC | 10019, 10030, 10056, 10060, 10185 |
| Multitech | 10180, 10217 |
| NAD | 10156, 10178, 10866 |
| NEC | 10019, 10030, 10056, 10497, 10882, 11704 |
| NetTV | 11755 |
| Nikko | 10030, 1092, 10178 |
| Norcent | 10748, 10824 |
| Noshi | 10018 |
| NTC | 1092 |
| Olevia | 11331 |
| Onwa | 10180 |
| Optimus | 10154, 10166, 10250, 10650 |
| Optoma | 10887, 11348 |
| Optonica | 1093, 10165 |
| Orion | 10179, 10236, 10463, 11463 |

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| Panasonic | 10051, 10055, 10250, 10650, 11410 |
| Penney | 10003, 10018, 10019, 10021, 10027, 10030, 10032, 10039, 10047, 10051, 10060, 1135, 10156, 10178, 11347 |
| Philco | 10019, 10020, 10030, 10054, 1096 |
| Philips | 10054, 10690, 11154, 11454 |
| Pilot | 10019, 10030, 10039 |
| Pioneer | 10038, 10166, 10679, 10866 |
| Polaroid | 10765, 10865, 11276, 11314, 11316, 11326, 11327, 11328 |
| Portland | 10019, 10039, 1092 |
| Prima | 10761, 10783, 10815, 10817 |
| Princeton | 10700, 10717 |
| Prism | 10051 |
| Proscan | 10047, 10466, 11347, 11447 |
| Proton | 10003, 10052, 10178, 10466 |
| Pulsar | 10017, 10019 |
| Quasar | 10051, 10055, 10165, 10250, 10650 |
| RadioShack | 10019, 10030, 10032, 10039, 10047, 10056, 10154, 10165, 10178, 10180 |
| RCA | 10018, 10019, 10038, 10047, 1090, 1135, 10679, 11047, 11147, 11247, 11347, 11447, 11547 |
| Realistic | 10019, 10030, 10032, 10039, 10056, 10154, 10165, 10178, 10180 |
| Rhapsody | 10185 |
| Runco | 10017, 10030, 10497, 10603 |
| Sampo | 10030, 10032, 10039, 10052, 11755 |
| Samsung | 10019, 10030, 10032, 10056, 10060, 10178, 10217, 10587, 10702, 10766, 10812, 10814, 11060, 11312 |
| Samsux | 10039 |
| Sansui | 10463 |
| Sanyo | 10088, 1146, 10154, 10159, 10799, 10893 |

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|-------------------|---|
| Sceptre | 11360 |
| Scimitsu | 10019 |
| Scotch | 10178 |
| Scott | 10019, 10178, 10179, 10180, 10236 |
| Sears | 10047, 10054, 10056, 1146, 10154, 10156, 10159, 10171, 10178, 10179 |
| Seleco | 11351 |
| Sharp | 10039, 1093, 10157, 10165, 10386, 10491, 10688, 10689, 10851 |
| Sheng Chia | 1093 |
| Shogun | 10019 |
| Signature | 10016 |
| Simpson | 10186, 10187 |
| Sole | 10813 |
| Sony | 10000, 10080, 1111, 10834, 11100 |
| Soundesign | 10178, 10179, 10180, 10186 |
| Spectricon | 10003 |
| Squareview | 10171 |
| SSS | 10019, 10180 |
| Starlite | 10180 |
| Studio Experience | 10843 |
| Superscan | 1093, 10864 |
| Supre-Macy | 10046 |
| Supreme | 10000 |
| SVA | 10587, 10748, 10768, 10865, 10870, 10871, 10872 |
| Sylvania | 10020, 10030, 10054, 1096, 10171, 10381 |
| Symphonic | 10171, 10180 |
| Syntax | 11331 |
| Tandy | 1093 |
| Tatung | 10003, 10055, 11285, 11756 |
| Technics | 10051, 10250 |
| Technol Ace | 10179 |
| Techview | 10847 |
| Techwood | 10003, 10051, 10056 |
| Teknika | 10016, 10019, 10039, 10054, 10056, 10060, 1092, 1150, 10179, 10180, 10186 |
| Telefunken | 10056, 10702 |

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| TMK | 10056, 10177, 10178 |
| TNCi | 10017 |
| Toshiba | 10060, 10154, 10156, 10650, 10832, 10845, 11156, 11256, 11265, 11343, 11356, 11360, 11656, 11704 |
| Tosonic | 10185 |
| Totevision | 10039 |
| Trical | 10157 |
| TVS | 10463 |
| Universal | 10027 |
| Vector Research | 10030 |
| Victor | 10053 |
| Vidikron | 10054 |
| Vidtech | 10019, 10178 |
| Viewsonic | 10857, 10864, 10885, 11330, 11342, 11755 |
| Viking | 10046 |
| Vizio | 10864, 10885, 11756 |
| Wards | 10016, 10019, 10020, 10021, 10027, 10030, 10054, 10056, 10080, 1096, 1111, 10165, 10178, 10179, 10866, 11156 |
| Waycon | 10156 |
| Westinghouse | 10000, 10451, 10885, 10889, 11282 |
| White Westinghouse | 10463, 10623 |
| Yamaha | 10019, 10030, 10769, 10833, 10839 |
| Zenith | 10016, 10017, 1092, 10178, 10463, 11145, 11265 |
| Zonda | 10003 |

Setup Codes for VCRs

| | |
|----------------|----------------------------|
| ABS | 21972 |
| Admiral | 20048, 20209, 20479 |
| Adventura | 20000 |
| Aiko | 20278 |
| Aiwa | 20000, 20037, 20124, 20307 |
| Akai | 20041, 20061, 20106, 20175 |
| Alienware | 21972 |
| America Action | 20278 |
| American High | 20035 |
| Asha | 20240 |

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|-----------------|---|
| Audiovox | 20037, 20278 |
| Beaumark | 20240 |
| Bell & Howell | 20104 |
| Broksonic | 20002, 20121, 20184, 20209, 20479, 21479 |
| Calix | 20037 |
| Canon | 20035 |
| Carver | 20081 |
| CCE | 20072, 20278 |
| Citizen | 20037, 20278, 21278 |
| Colt | 20072 |
| Craig | 20037, 20047, 20072, 20240 |
| Curtis Mathes | 20035, 20041, 20060, 20162, 21035 |
| Cybernex | 20240 |
| CyberPower | 21972 |
| Daewoo | 20045, 20278, 20561, 21278 |
| Dell | 21972 |
| Denon | 20042 |
| DirecTV | 20739 |
| Durabrand | 20038, 20039 |
| Dynatech | 20000 |
| Electrohome | 20037, 20043 |
| Electrophonic | 20037 |
| Emerex | 20032 |
| Emerson | 20000, 20002, 20037, 20043, 20061, 20121, 20184, 20209, 20212, 20278, 20479, 20561, 20593, 21278, 21479, 21593 |
| Fisher | 20047, 20104 |
| Fuji | 20033, 20035 |
| Funai | 20000, 20593, 21593 |
| Garrard | 20000 |
| Gateway | 21972 |
| GE | 20035, 20060, 20065, 20202, 20240, 20761, 20807, 21035, 21060 |
| Go Video | 20240, 20432, 20526 |
| GoldStar | 20037, 20038, 21237 |
| Gradiente | 20000 |
| Harley Davidson | 20000 |
| Harman/Kardon | 20038, 20075, 20081 |
| Harwood | 20072 |

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| Headquarter | 20046 |
| Hewlett Packard | 21972 |
| HI-Q | 20047 |
| Hitachi | 20000, 20041, 20042, 20065, 20089, 20105 |
| Howard Computers | 21972 |
| HP | 21972 |
| Hughes Network Systems | 20042, 20739 |
| Humax | 20739 |
| Hush | 21972 |
| iBUYPOWER | 21972 |
| Jensen | 20041 |
| JVC | 20008, 20041, 20067 |
| KEC | 20037, 20278 |
| Kenwood | 20038, 20041, 20067 |
| KLH | 20072 |
| Kodak | 20035, 20037 |
| LG | 21037 |
| Linksys | 21972 |
| Lloyd's | 20000 |
| Logik | 20072 |
| LXI | 20037 |
| Magnasonic | 20593, 21278 |
| Magnavox | 20000, 20035, 20039, 20081, 20149, 20563, 20593, 21781 |
| Magnin | 20240 |
| Marantz | 20035, 20081 |
| Marta | 20037 |
| Matsushita | 20035, 20162 |
| Media Center PC | 21972 |
| MEI | 20035 |
| Memorex | 20000, 20035, 20037, 20039, 20046, 20047, 20048, 20104, 20162, 20209, 20240, 20307, 20479, 21037, 21237 |
| MGA | 20043, 20061, 20240 |
| MGN Technology | 20240 |
| Microsoft | 21972 |
| Mind | 21972 |
| Minolta | 20042, 20105 |
| Mitsubishi | 20043, 20061, 20067, 20075, 20173, 20807 |
| Motorola | 20035, 20048 |

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| MTC | 20000, 20240 |
| Multitech | 20000, 20072 |
| NEC | 20038, 20040, 20041, 20067, 20104 |
| Nikko | 20037 |
| Nikon | 20034 |
| Niveus Media | 21972 |
| Noblex | 20240 |
| Northgate | 21972 |
| Olympus | 20035, 20226 |
| Onkyo | 20222 |
| Optimus | 20037, 20048, 20104, 20162, 20432, 20593, 21048, 21062 |
| Orion | 20002, 20184, 20209, 20479, 21479 |
| Panasonic | 20035, 20077, 20162, 20225, 20226, 20616, 21035, 21062 |
| Penney | 20035, 20037, 20038, 20040, 20042, 20240, 21035, 21237 |
| Pentax | 20042, 20065, 20105 |
| Philco | 20035 |
| Philips | 20035, 20081, 20618, 20739, 21081, 21181 |
| Pilot | 20037 |
| Pioneer | 20067 |
| Polk Audio | 20081 |
| Presidian | 21593 |
| Profitronic | 20240 |
| Proscan | 20060, 20202, 20761, 21060 |
| Protec | 20072 |
| Pulsar | 20039 |
| Quarter | 20046 |
| Quartz | 20046 |
| Quasar | 20035, 20077, 20162, 21035 |
| RadioShack | 20000, 21037 |
| Radix | 20037 |
| Randex | 20037 |
| RCA | 20042, 20060, 20065, 20077, 20105, 20106, 20149, 20202, 20240, 20761, 20807, 20880, 21035, 21060 |
| Realistic | 20000, 20035, 20037, 20046, 20047, 20048, 20104 |
| ReplayTV | 20614, 20616 |

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| Ricavision | 21972 |
| Ricoh | 20034 |
| Runco | 20039 |
| Salora | 20075 |
| Samsung | 20045, 20240, 20739 |
| Sanky | 20039, 20048 |
| Sansui | 20000, 20041, 20067, 20209, 20479, 21479 |
| Sanyo | 20046, 20047, 20104, 20159, 20240 |
| Scott | 20043, 20045, 20121, 20184, 20210, 20212 |
| Sears | 20000, 20035, 20037, 20042, 20046, 20047, 20104, 20105, 21237 |
| Sharp | 20048, 20807, 20848 |
| Shintom | 20072 |
| Shogun | 20240 |
| Singer | 20072 |
| Sonic Blue | 20614, 20616 |
| Sony | 20000, 20032, 20033, 20034, 20035, 20636, 21032, 21232, 21972 |
| Stack 9 | 21972 |
| STS | 20042 |
| Sylvania | 20000, 20035, 20043, 20081, 20593, 21593, 21781 |
| Symphonic | 20000, 20593, 21593 |
| Systemax | 21972 |
| Tagar Systems | 21972 |
| Tatung | 20041 |
| Teac | 20000, 20041 |
| Technics | 20035, 20162 |
| Teknika | 20000, 20035, 20037 |
| Thomas | 20000 |
| Tivo | 20618, 20636, 20739, 21996 |
| TMK | 20240 |
| Toshiba | 20043, 20045, 20209, 20210, 20212, 20366, 20845, 21008, 21145, 21972, 21996 |
| Totevision | 20037, 20240 |
| Touch | 21972 |
| Unitech | 20240 |
| Vector | 20045 |

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| Vector Research | 20038, 20040 |
| Video Concepts | 20040, 20045, 20061 |
| Videomagic | 20037 |
| Videosonic | 20240 |
| Viewsonic | 21972 |
| Villain | 20000 |
| Voodoo | 21972 |
| Wards | 20000, 20035, 20042, 20047, 20048, 20060, 20072, 20081, 20149, 20212, 20240 |
| White Westinghouse | 20072, 20209 |
| XR-1000 | 20000, 20035, 20072 |
| Yamaha | 20038 |
| Zenith | 20000, 20033, 20034, 20039, 20209, 20479, 21139, 21479 |
| ZT Group | 21972 |

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| Aiwa | 20641 |
| Akai | 20695, 20770, 21089 |
| Alco | 20790 |
| Allegro | 20869 |
| Amphion Media Works | 20872 |
| AMW | 20872 |
| Apex Digital | 20672, 20717, 20755, 20794, 20796, 20797, 21004, 21020, 21056, 21061, 21100 |
| Aspire Digital | 21168, 21407 |
| Audiovox | 20790, 21041, 21072 |
| Axion | 21072 |
| B & K | 20655, 20662 |
| Blaupunkt | 20717 |
| Blue Parade | 20571 |
| Broksonic | 20695 |
| California Audio Labs | 20490 |
| Cinea | 20831 |
| CineVision | 20833, 20869, 20876 |
| Citizen | 21277 |
| Coby | 20778, 20852, 21086, 21107, 21177, 21351 |
| Craig | 20831 |
| Curtis Mathes | 21087 |
| CyberHome | 20816, 20874, 21023, 21024, 21117, 21129 |

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| Daewoo | 20705, 20784, 20833, 20869, 21169, 21172, 21234, 21242 |
| Daytek | 20872 |
| Denon | 20490, 20634 |
| Desay | 21407 |
| Disney | 20675, 21270 |
| Dual | 21068, 21085 |
| Durabrand | 21127 |
| DVD2000 | 20521 |
| Emerson | 20591, 20675, 20821 |
| Enterprise | 20591 |
| Fisher | 20670 |
| Funai | 20675, 21334 |
| Gateway | 21073, 21077, 21158 |
| GE | 20522, 20717, 20815 |
| Go Video | 20715, 20741, 20744, 20783, 20833, 20869, 21044, 21075, 21099, 21158, 21304, 21730 |
| Go Vision | 21072 |
| GoldStar | 20741 |
| GPX | 20699, 20769 |
| Gradiente | 20490 |
| Greenhill | 20717 |
| Grundig | 20539 |
| Harman/Kardon | 20582, 20702 |
| Hitachi | 20573, 20664 |
| Hiteker | 20672 |
| iLo | 21348 |
| Initial | 20717 |
| Integra | 20571, 20627 |
| Jaton | 21078 |
| JBL | 20702 |
| JSI | 21423 |
| JVC | 20558, 20623, 20867, 21164 |
| jWin | 21049, 21051 |
| Kawasaki | 20790 |
| Kenwood | 20490, 20534 |
| KLH | 20717, 20790, 21020, 21149 |
| Konka | 20711 |
| Koss | 20651, 21423 |
| Landel | 20826 |
| Lasonic | 20798, 21173 |

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| Lecson | 21533 |
| Lenoxx | 21127 |
| LG | 20591, 20741, 20801, 20869 |
| LiteOn | 21058, 21158, 21416, 21440 |
| Loewe | 20511 |
| Magnavox | 20503, 20539, 20646, 20675, 20821 |
| Malata | 20782, 21159 |
| Marantz | 20539 |
| McIntosh | 21533 |
| Memorex | 20695, 20831, 21270 |
| Microsoft | 20522 |
| Mintek | 20717, 20839 |
| Mitsubishi | 20521, 21521 |
| Momitsu | 21082 |
| NAD | 20591, 20692, 20741 |
| NEC | 20785 |
| Nesa | 20717 |
| Next Base | 20826 |
| NexxTech | 21402 |
| Norcent | 20872, 21003, 21107, 21265 |
| Onkyo | 20503, 20627, 20792 |
| Oritron | 20651 |
| Panasonic | 20490, 20503, 20703, 21362, 21462, 21490, 21762 |
| Philips | 20503, 20539, 20646, 20675, 21267, 21354 |
| PianoDisc | 21024 |
| Pioneer | 20525, 20571, 20631 |
| Polaroid | 21020, 21061, 21086 |
| Polk Audio | 20539 |
| Portland | 20770 |
| Presidian | 20675 |
| Proceed | 20672 |
| Proscan | 20522 |
| ProVision | 20778 |
| Qwestar | 20651 |
| RCA | 20522, 20571, 20717, 20790, 20822 |
| Rio | 20869 |
| RJTech | 21360 |
| Rotel | 20623 |
| Rowa | 20823 |

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| Sampo | 20698, 20752 |
| Samsung | 20490, 20573, 20744, 20820, 21044, 21075 |
| Sansui | 20695 |
| Sanyo | 20670, 20695, 20873 |
| Sensory Science | 21158 |
| Sharp | 20630, 20675, 20752, 21256 |
| Sharper Image | 21117 |
| Sherwood | 20633, 20770, 21043, 21077 |
| Shinsonic | 20533, 20839 |
| Sonic Blue | 20869, 21099 |
| Sony | 20533, 20864, 21033, 21431, 21533 |
| Sungale | 21074 |
| Superscan | 20821 |
| SVA | 20860, 21105 |
| Sylvania | 20675, 20821 |
| Symphonic | 20675 |
| Teac | 20790, 20809 |
| Technics | 20490, 20703 |
| Technosonic | 20730 |
| Techwood | 20692 |
| Theta Digital | 20571 |
| Toshiba | 20503, 20695, 21154 |
| Tredex | 20800, 20803, 20804 |
| Urban Concepts | 20503 |
| US Logic | 20839 |
| Venturer | 20790 |
| Vizio | 21064, 21226 |
| Xbox | 20522 |
| Yamaha | 20490, 20539, 20545 |
| Yamakawa | 20872 |
| Zenith | 20503, 20591, 20741, 20869 |
| Zoece | 21265 |

Setup Codes for Audio Amplifiers/Tuners

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| ADC | 30531 |
| Adcom | 30616 |
| Aiwa | 30121, 30189, 31243, 31388, 31405, 31641 |
| Akai | 30224, 31255, 31512 |
| Alco | 31390 |
| AMC | 31077 |

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| Amphion Media Works | 31563, 31615 |
| AMW | 31563, 31615 |
| Anam | 31074, 31609 |
| Apex Digital | 31257, 31430, 31774 |
| Arcam | 31189 |
| Audiotronic | 31189 |
| Audiovox | 31390, 31627 |
| B & K | 30701, 30820, 30840 |
| BK | 30702 |
| Bose | 30639, 31229, 31253, 31933 |
| Brix | 31602 |
| Cambridge Soundworks | 31370 |
| Capetronic | 30531 |
| Carver | 30008, 30121, 30189, 30360, 31189, 31289 |
| Classic | 31352 |
| Coby | 31389 |
| Criterion | 31420 |
| Daewoo | 31250 |
| Delphi | 31414 |
| Denon | 30121, 30273, 30771, 31142, 31360 |
| Emerson | 30424 |
| Fisher | 30219, 30360, 31801 |
| Garrard | 30424 |
| Gateway | 31517, 31567 |
| Go Video | 31532 |
| Harman/Kardon | 30110, 30189, 30891, 31289, 31304, 31306 |
| Hitachi | 31273, 31801 |
| Initial | 31426 |
| Inkel | 30062 |
| Integra | 30135, 31298, 31320 |
| JBL | 30110, 31306 |
| JVC | 30074, 31058, 31374, 31495, 31811 |
| Kenwood | 30077, 30186, 31313, 31569, 31570 |
| KLH | 31390, 31412, 31428 |
| Koss | 30424, 31366, 31497 |
| Lasonic | 31798 |
| Lenoxx | 31437 |
| Lexicon | 31076 |

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| LG | 31293 |
| Linn | 30189 |
| Liquid Video | 31497 |
| Magnavox | 30128, 30189, 30531, 31189, 31269, 31514 |
| Marantz | 30039, 30128, 30189, 31189, 31269, 31289 |
| McIntosh | 31289 |
| MCS | 30039, 30346 |
| Micromega | 31189 |
| Mitsubishi | 31393 |
| Myryad | 31189 |
| Nakamichi | 30347, 31313 |
| NEC | 30235 |
| Norcent | 31389 |
| Nova | 31389 |
| Onkyo | 30135, 30380, 30842, 31298, 31320, 31531 |
| Optimus | 30177, 30186, 30219, 30531, 30670, 31023, 31074 |
| Oritron | 31366, 31497 |
| Panasonic | 30039, 30309, 31288, 31308, 31316, 31350, 31363, 31518, 31548, 31633, 31763, 31764 |
| Philips | 30189, 31189, 31266, 31269 |
| Pioneer | 30014, 30150, 30531, 30630, 31023, 31384 |
| Polaroid | 31508 |
| Polk Audio | 30189, 31289, 31414 |
| Proscan | 31254 |
| Quasar | 30039 |
| RCA | 30346, 30360, 30530, 30531, 31023, 31074, 31254, 31390, 31511, 31609 |
| Realistic | 30163 |
| Regent | 31437 |
| Rio | 31869 |
| Saba | 31519 |
| Samsung | 31295, 31304, 31500 |
| Sansui | 30189, 30346, 31189 |
| Sanyo | 30219, 31469, 31801 |
| Scott | 30163, 30322 |

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| Sharp | 30186 |
| Sharper Image | 31556 |
| Sherwood | 30062, 31077, 31423, 31517, 31567, 31653 |
| Shinsonic | 31426 |
| Sirius | 31602, 31627, 31811 |
| Sonic Blue | 31532, 31869 |
| Sony | 30168, 31058, 31258, 31406, 31441, 31558, 31622, 31658, 31758, 31759, 31858 |
| Soundesign | 30670 |
| Stereophonics | 31023 |
| Sunfire | 31313 |
| Teac | 30163, 31074, 31267, 31390, 31528 |
| Technics | 30039, 30208, 30309, 31308, 31518, 31633 |
| Thorens | 31189 |
| Toshiba | 30135 |
| Venturer | 31390 |
| Victor | 30074 |
| Wards | 30014, 30189 |
| XM | 31406, 31414 |
| Yamaha | 30176, 30186, 31176, 31276, 31331, 31375 |
| Zenith | 31293 |

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| Adcom | 30577, 31100 |
| AudioSource | 30011 |
| Bose | 30674 |
| Carver | 30892 |
| Durabrand | 31561 |
| Elan | 30647 |
| GE | 30078 |
| Harman/Kardon | 30892 |
| JVC | 30331 |
| Kenwood | 30356 |
| Left Coast | 30892 |
| Lenoxx | 31561 |
| Luxman | 30165 |
| Marantz | 30321, 30892 |
| McIntosh | 30251 |
| Nakamichi | 30321 |

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| NEC | 30264 |
| Optimus | 30395, 30823 |
| Parasound | 30246 |
| Philips | 30892 |
| Pioneer | 30823 |
| Polk Audio | 30892 |
| RCA | 30823 |
| Realistic | 30395 |
| Sansui | 30321 |
| Shure | 30264 |
| Sony | 30689, 30815, 31126 |
| Soundesign | 30078, 30211 |
| Victor | 30331 |
| Wards | 30078, 30211 |
| Yamaha | 30133, 30143, 30354, 30504 |

